E. Engin. Lib.
Am. Weld. Soc
11-6-29
Swank

INDEX, VOL. 3, 1924

Journal

of the

American Welding Society

Subject Index

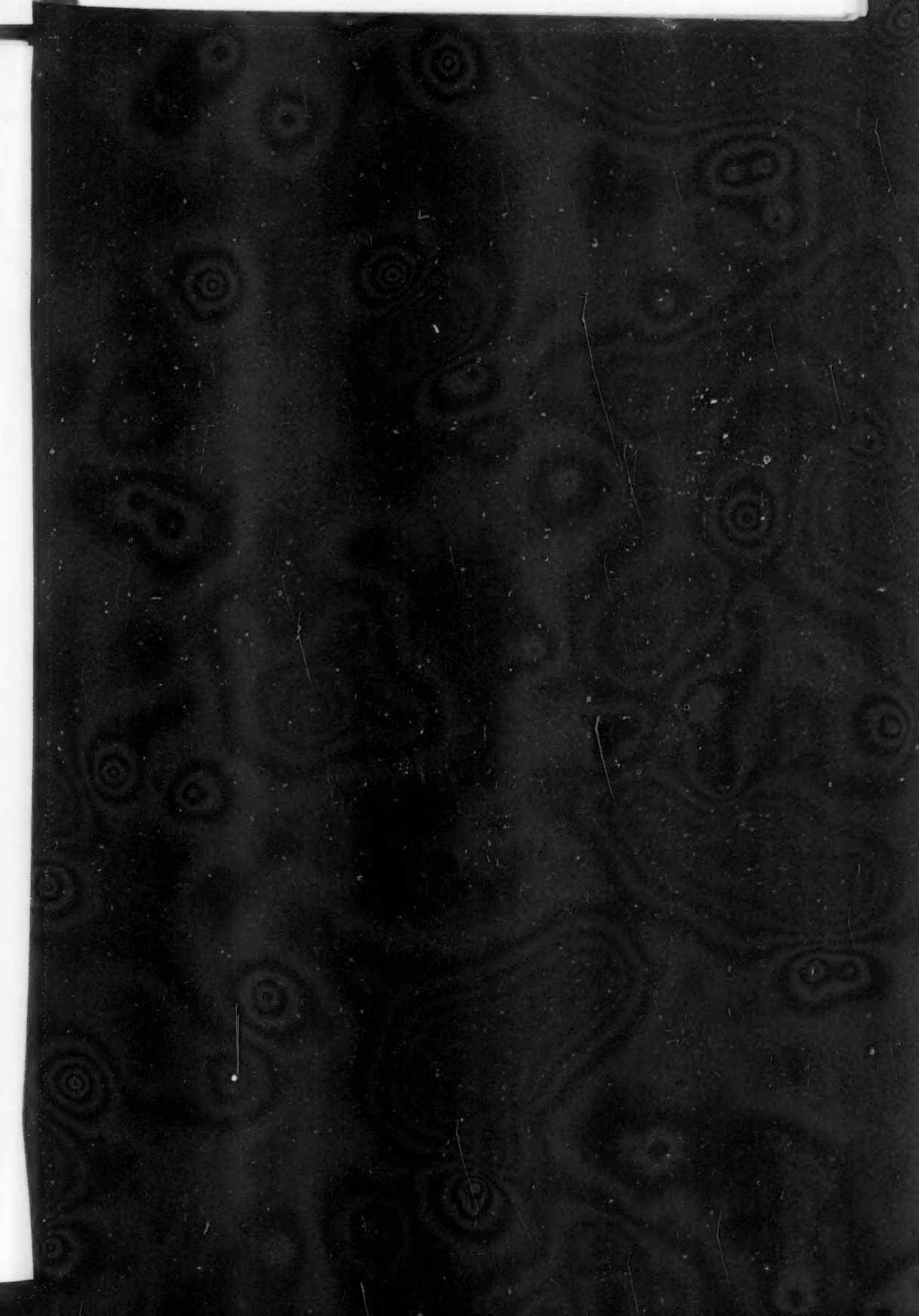
Technical Papers, Items and Reports

Acetylene, Compressed Dissolved—M. A. Dantzler, May, pp. 30-33.
Aeroplane Tanks—D. C. McGiehan, Jan., pp. 23-27.
Aluminum Casting, Welding of—E. E. Thum, May, pp. 26-30.
Aluminum, Fusion Welding of—C. F. Nagle, March, pp. 35-44.
Aluminum, Gas Welding of—A. S. Kinsey, June, pp. 27-50.
Aluminum, Gas Welding of—S. W. Miller, March, pp. 44-50.
Aluminum or Duralumin, Spot Welding of—J. W. Meadowcroft, Sept., pp. 10-11.
Aluminum Sheet, Fabricating Tanks from—D. C. McGiehan, Jan., pp. 23-27.
Aluminum Welding—C. F. Nagle, Nov., pp. 32-33.
American Welding Society—August, pp. 3-12.
Arc Welding of Copper, Brass, Bronze and Literature up to March, 1923—American Bureau of Welding Report, March, pp. 9-15.
Arc Welding, Fundamentals of—C. A. Britton, March, pp. 18-21.
Arc, Optical Projection of—F. Davis, Nov., pp. 18-20.
Automobile Bodies, Manufacture of Steel—J. W. Meadowcroft, May, pp. 24-26.
Automobile Industry, Welding and Cutting in—W. A. Slack, Nov., pp. 22-24.
Brass Welding by Electric Arc—American Bureau of Welding Report, March, pp. 9-15.
Brass, Gas Welding of—A. S. Kinsey, June, pp. 27-50.
Bridge Repair—B. S. Havens, July, pp. 11-13.
Bridge Truss, Welded—W. L. Warner, Oct., pp. 60-69.
Bridge Truss, Welded—F. P. McKibben, Oct., pp. 56-60.
Bronze, Gas Welding of—A. S. Kinsey, June, pp. 27-50.
Bronze Welding by Electric Arc—American Bureau of Welding Report, March, pp. 9-15.
Building, Welded—J. W. Turner, Oct., pp. 24-26.
Buildings Welded by Arc—H. Goldmark, W. Spraragen, W. L. Warner, Oct., pp. 27-69.
Carbon Arc Welding, Design of Welds for—J. C. Lincoln, April, pp. 15-20.
Cast Steel Car Castings, Arc Welding of—H. R. Pennington, April, pp. 28-35.
Compressed Dissolved Acetylene—M. A. Dantzler, May, pp. 30-33.
Copper, Gas Welding of—A. S. Kinsey, June, pp. 27-50.
Copper Welding by Electric Arc—American Bureau of Welding Report, March, pp. 9-15.
Cutting and Welding for the Plumbing and Heating Contractor—H. E. Wetzell, Sept., pp. 18-22.
Cutting by the Torch in the Structural Field—W. Spraragen, Oct., pp. 69-71.
Cutting in the Structural Field—G. O. Carter, Nov., pp. 13-17.
Cutting Metal With Hydrogen Gas—W. H. L. Porth, March, pp. 15-18.
Cutting Standrdization Practice in Demolition Work—T. C. Fetherston, June, pp. 24-26.
Cylinders, Safe Handling of—Gas Products Association, March, pp. 33-35.
Design of Welds, Flexibility vs. Rigidity—J. H. Deppeler, April, pp. 25-27.
Design of Welds, Flexibility vs. Rigidity—J. C. Lincoln, April, pp. 15-20.
Design of Welds, Flexibility vs. Rigidity—C. J. Holslag, April, pp. 22-24.
Design of Welds, Flexibility vs. Rigidity—S. W. Miller, April, pp. 20-22.
Design of Welds, Flexibility vs. Rigidity—H. A. Woofter, April, pp. 24-25.
Duralumin, Spot Welding of and Aluminum—J. W. Meadowcroft, Sept., pp. 10-11.
Flanges for Pipes—G. O. Carter, F. E. Rogers, C. J. Holslag, Nov., pp. 31-32.
Fluxes and Slags in Oxy-Acetylene Welding—C. Coulson-Smith, May, pp. 33-39.
Fluxes and Slags in Welding—W. Spraragen, April, pp. 36-47.

Fluxing Problems in Welding Mild Steel with the Metallic Arc—H. Ogden, May, pp. 40-43.
Freight Cars, Electric Arc Process in Reclaiming and Scrapping—A. M. Candy, Nov., pp. 24-31.
Fundamentals of Arc Welding—C. A. Britton, March, pp. 18-21.
Gas Welding, Design of Welds for—S. W. Miller, April, pp. 20-22.
Glasses, Welders' Safety—W. S. Andrews, July, pp. 30-33.
High Carbon Welding Metal—C. A. McCune, March, pp. 22-33.
High Speed Steel, Welding—S. W. Miller, Sept., pp. 17-18.
Hydrogen Gas, Cutting Metal With—W. H. L. Porth, March, pp. 15-18.
Job Welding Shop—A. F. Keogh, Feb., pp. 9-14.
Job Welding Shop Should Be More Than a Repair Shop—S. Wade, Feb., pp. 7-8.
Joints, Seam Welded Rail—R. B. Fehr, Jan., pp. 28-60.
Manganese Steel, Welding of—American Bureau of Welding Report, May., pp. 10-23.
Machinery, Reclaiming Worn and Broken Parts of—T. Copeland, Dec., pp. 27-35.
Manganese Steel—J. H. Hall, July, pp. 8-9.
Manifolds, Exhaust Tubes and Trunks, Welding of—Z. T. Davis, April, pp. 47-50.
Membership Directory, Entire—August.
Metal Arc Welding, Design of Welds for—C. J. Holslag, April, pp. 22-24.
Mining Industry, Application of Oxy-Acetylene Welding and Cutting in—H. Ulmer, Jan., pp. 7-13.
Non-Ferrous Metal Arc Welding by Electric Arc—American Bureau of Welding Report, March, pp. 9-15.
Non-Ferrous Metals, Oxy-Acetylene Welding of—A. S. Kinsey, June, pp. 27-50.
Oil Refinery Practice—C. R. Price, July, pp. 20-30.
Optical Projection of Arc Welding—F. Davis, Nov., pp. 18-20.
Pipe Line Welding—B. S. Havens, Nov., pp. 21-22.
Pipe Line Welding in Steel Mills—T. Copeland, Dec., pp. 27-35.
Pipe Welding, Question and Answer Column—G. O. Carter, F. E. Rogers, C. J. Holslag, Nov., pp. 31-32.
Pipe, Welding of—G. O. Carter, July, pp. 13-19.
Pipe, Welding of—C. R. Price, July, pp. 20-30.
Pipes, Cutting and Welding for the Plumbing and Heating Contractor—H. E. Wetzell, Sept., pp. 18-22.
Pipes, Electric Arc Welding of High Pressure Steam Lines—Sept., pp. 16-17.
Piping in Buildings—H. E. Wetzell, Sept., pp. 11-14.
Precision Welding—S. W. Mann, Jan., pp. 18-23.
Punch Press—J. F. Irby, Sept., pp. 15-16.
Rail Joint Investigations—American Bureau of Welding Report, Dec., pp. 24-26.
Rail Joints—R. B. Fehr, Jan., pp. 28-60.
Rail Joints—Progress Report No. 2 of Committee, Feb., pp. 48-88.
Railroad, Scrapping of Steel Freight Cars for—Nov., pp. 24-31.
Railroad Shop Welding—H. A. Patterson, June, 21-24.
Reclamation of Cast Steel Car Castings by Arc Welding—H. R. Pennington, April, pp. 28-35.
Resistance Welding, Design of Welds for—H. A. Woofter, April, pp. 24-25.
Riveting vs. Welding in Structural Work—H. Goldmark, W. Spraragen, W. L. Warner, Oct., pp. 27-69.
Safe Handling of Cylinders, Rules for—Gas Products Ass'n, March, pp. 33-35.
Safety Glasses—W. S. Andrews, July, pp. 30-33.
Seam Welded Rail Joints—R. B. Fehr, Jan., pp. 28-60.
Ship, Welded—Journal of Commerce, Oct., pp. 23-24.
Ships, Welding—H. Goldmark, W. Spraragen, W. L. Warner, Oct., pp. 27-69.
Spot Welding—American Bureau of Welding Report, Sept., pp. 23-31.
Spot Welding Duralumin or Aluminum—J. W. Meadowcroft, Sept., pp. 10-11.
Spot Welding in the Structural Field—H. A. Woofter, Oct., pp. 11-19.
Standardization Practice in Demolition Work—T. C. Fetherston, June, pp. 24-26.
Steel Mill Welding—T. Copeland, Dec., pp. 27-35.
Storage Tanks, Electric Welding of Large—H. C. Price, June, pp. 11-21.
Structural Spot Welding—H. A. Woofter, Oct., pp. 11-19.
Structural Steel, Welding in Building—J. W. Turner, Oct., pp. 24-26.
Structural Steel Welding by Electric Arc—R. E. Kinkead, Oct., pp. 20-23
Structural Steel Welding, Discussion of Papers Presented at 1924 Fall Meeting of the A. W. S., Dec., pp. 6-23.
Structural Steel Welding, Discussion of—Nov., pp. 20-21.

Structural Welding and Cutting—W. Spraragen, Oct., pp. 69-71.
Structural Welding by Oxy-Acetylene Torch—G. O. Carter, Nov., pp. 13-17.
Structures Large, Fabricating of by Arc Welding—H. Goldmark, W. Spraragen, W. L. Warner, Oct., pp. 27-69.
Tanks—H. Goldmark, W. Spraragen, W. L. Warner, Oct., pp. 27-39.
Tanks—Welding Acetylene—B. S. Havens, July, pp. 10-11.
Tanks for Aeroplanes Fabricated from Sheet Aluminum by Welding—D. C. McGiehan, Jan., pp. 23-27.
Tanks, Welding of Large Storage—H. C. Price, June, pp. 11-21.
Testing Welded Joints—A. Menetrier, Jan., pp. 13-17.
Thermit Welding, Design of Welds for—April, pp. 25-27.
Time for Production Welding—J. W. Meadowcroft, July, pp. 6-8.
Training Course for Electric Arc Welders—American Bureau of Welding Report, Feb., pp. 15-17.
Welded Rail Joints, Progress Report No. 2 of Committee on—Feb., pp. 48-88.
Welding Wire for Welding High Carbon Metal—C. A. McCune, March, pp. 22-33.
Welders, Training Course for Electric Arc—American Bureau of Welding Report, Feb., pp. 15-47.
Wire for Welding High Carbon Metal—C. A. McCune, March, pp. 22-33.
AMERICAN BUREAU OF WELDING REPORTS—
Program of Second Phase of Investigations of Welded Rail Joint Committee, Dec., pp. 24-26.
Progress Report No. 2 of Committee on Welded Rail Joints, Feb., pp. 48-88.
Spot Welding, Sept., pp. 23-31.
Summary of Information on Arc Welding of Copper, Brass and Bronze and Literature up to March, 1923, March, pp. 9-15.
Training Course for Electric Arc Welders, Feb., pp. 15-47.
Welding of Manganese Steel, May, pp. 10-23.

AUTHOR'S INDEX. VOL. 3, 1924

ANDREWS, W. S.—Notes on Welders' Safety Glasses and Accessories, July, pp. 30-33.
BRITTON, C. A.—Fundamentals of Arc Welding, March, pp. 18-21.
BURKHART, L. H.—Discussion Welding Structural Steel, Dec., pp. 6-12.
CANDY, A. M.—Discussion on Welding Structural Steel, Dec., pp. 19, 20, 23.
Electric Arc Process of Reclaiming and Scrapping Steel Freight Cars, Nov., pp. 24-31.
CARTER, G. O.—Discussion on Welding Structural Steel, Dec., pp. 6, 7, 8, 9, 10, 11, 12.
Oxy-Acetylene Welding and Cutting in the Structural Field, Nov., pp. 13-17.
Report on Welding of Pipe, July, pp. 13-19.
Welding Steel Flanges on Pipe, Nov., p. 31.
CHURCHWARD, A.—Electric Arc Welding as Applied to Joints of High Pressure Steam Lines, Sept., pp. 16-17.
COPELAND, T. T.—Reclaiming Worn and Broken Parts of Machinery, Dec., pp. 27-35.
COULSON-SMITH, C.—Fluxes and Slags in Oxy-Acetylene Welding, May, pp. 33-39.
DANTZLER, M. A.—Compressed Dissolved Acetylene, May, pp. 30-33.
DAVIS, F.—Optical Projection of Arc Welding, Nov., pp. 18-20.
DAVIS, Z. T.—Welding Manifolds, Exhaust Tubes and Trunks, April, pp. 47-50.
DEPPELER, J. H.—Design of Welds—Flexibility vs. Rigidity, April, pp. 25-27.
EDWARDS, J.—Discussion of Welding of Structural Steel, Dec., pp. 20, 21, 22, 23.
EWERTZ, E. H.—Discussion of Welding of Structural Steel, Dec., pp. 13, 20, 21.
FEHR, R. B.—Investigation of Seam Welded Rail Joints, Jan., pp. 28-60.
FETHERSTON, T. C.—Standardization of Practice in Demolition Work, June, pp. 24-26.
GAS PRODUCTS ASSOCIATION—Rules for Safe Handling of Cylinders, March, pp. 33-35.
GOLDMARK, H.—Welding as a Method of Fabricating Large Structures, Oct., pp. 27-69.
HALL, J. H.—Welding of Manganese Steel, July, pp. 8-9.
HAVENS, B. S.—Welding Gasoline Tanks, July, pp. 10-11.
Welding in Bridge Repairs, July, pp. 11-13.
Welding 1,000 ft. Pipe Line, Nov., pp. 21-22.

HEINRICH, H.—Discussion of Welding of Structural Steel, Nov., p. 21.
HOLSLAG, C. J.—Design of Welds—Flexibility vs. Rigidity, April, pp. 22-24.
Discussion of Welding Structural Steel, Dec., p. 19.
Welding Steel Flanges on Pipe, Nov., p. 32.
IRBY, J. F.—Welding a Punch Press, Sept., pp. 15-16.
JOURNAL OF COMMERCE—Welded Ship Completely Water-Tight, Oct., pp. 23-24.
KEOGH, A. F.—Job Welding Shop, Feb., pp. 9-14.
KINKEAD, R. E.—Uses of Electric Arc for Welding of Structural Steel, Oct., pp. 20-23.
Discussion Welding Structural Steel, Dec., p. 6.
KINSEY, A. S.—Oxy-Acetylene Welding of Non-Ferrous Metals, June, pp. 27-50.
LINCOLN, J. C.—Design of Welds, Flexibility vs. Rigidity, April, pp. 15-20.
Discussion of Welding Structural Steel, Dec., p. 9.
McCUNE, C. A.—High Carbon Welding Metal, March, pp. 22, 23.
McGIEHAN, D. C.—Tanks for Aeroplanes Fabricated from Sheet Aluminum by Welding, Jan., pp. 23-27.
McKIBBEN, F. P.—Design for Riveted Steel Truss for Static Loads, Oct., pp. 56-60.
MANN, S. W.—Precision Electric Welding, Jan., pp. 18-23.
MEADOWCROFT, J. W.—Discussion Welding of Structural Steel, Dec., pp. 10-11.
Electric Spot Welding of Aluminum or Duralumin, Sept., pp. 10-11.
Manufacturing Steel Automobile Bodies, May, pp. 24-26.
Standard Time for Production Welding, July, pp. 6-8.
MENETRIER, A.—Cheap, Reliable and Exhaustive Method of Testing Welded Joints, Jan., pp. 13-17.
MILLER, L. H.—Discussion Welding of Structural Steel, Dec., pp. 15-18, 19.
MILLER, S. W.—Design of Welds, Flexibility vs. Rigidity, April, pp. 20-22.
Gas Welding of Aluminum, March, pp. 44-50.
Welding High Speed Steel, Sept., pp. 17-18.
NAGLE, C. F.—Fusion Welding of Aluminum, March, pp. 35-44.
Patching Aluminum Turpentine Kilns, Nov., pp. 32-33.
OGDEN, H.—Fluxing Problems in Welding of Mild Steel with the Metallic Arc, May, pp. 40-43.
PATTERSON, H. A.—Shop Practice on the Santa Fe, June, pp. 21-24.
PENNINGTON, H. R.—Reclamation of Cast Steel Car Castings by Arc Welding, April, pp. 28-35.
PORTH, W. H. L.—Cutting Metal with Hydrogen Gas, March, pp. 15-18.
PRICE, C. R.—Welding Practice in an Oil Refinery, July, pp. 20-30.
PRICE, H. C.—Electric Welding of Large Storage Tanks, June, pp. 11-21.
ROGERS, F. E.—Discussion of Welding Structural Steel, Dec., p. 6.
Welding Steel Flanges on Pipe, Nov., pp. 31-32.
SLACK, W. A.—Gas Welding and Cutting in the Automotive Industry, Nov., pp. 22-24.
SPRARAGEN, W.—Discussion of Welding Structural Steel, Dec., pp. 6, 11, 18, 19.
Fluxes and Slags in Welding, April, pp. 36-47.
Oxy-Acetylene Torch as a Tool for the Erection of Large Structures, Oct., pp. 69-71.
Welding as a Method of Fabricating Large Structures, Oct., pp. 27-69.
THUM, E. E.—Hints for Welding Aluminum Casting, May, pp. 26-30.
TURNER, J. W.—An All Welded Steel Building, Oct., pp. 24-26.
ULMER, H.—Application of Oxy-Acetylene Welding and Cutting in the Mining Industry, Jan., pp. 7-13.
WADE, S.—A Job Welding Shop Should Be More Than a Repair Shop, Feb., pp. 7-8.
WAGNER, R. E.—Discussion of Welding Structural Steel, Nov., pp. 20-21.
WARNER, W. L.—Discussion of Welding Structural Steel, Dec., p. 7.
Welded Truss, Oct., pp. 60-69.
Welding as a Method of Fabricating Large Structures, Oct., pp. 27-69.
WETZELL, H. E.—Oxy-Acetylene Cutting and Welding for the Plumbing and Heating Contractor, Sept., pp. 18-22.
Welded Piping in Buildings, Sept., pp. 11-14.
WHITTEMORE, H. L.—Discussion of Welding Structural Steel, Nov., p. 21.
Discussion of Welding Structural Steel, Dec., pp. 13-15.
WOOFTER, H. A.—Design of Welds, Flexibility vs. Rigidity, April, pp. 24-25.
Discussion Welding Structural Steel, Dec., pp. 21, 22, 23.
Uses of Spot Welding in the Structural Field, Oct., pp. 11-19.